

XXXV. *Abstract of a Register of the Barometer, Thermometer, and Rain, at Lyndon, in Rutland, 1778. By Thomas Barker, Esquire. Communicated by Thomas White, Esquire, F. R. S.*

Read May 20, 1779.

		Barometer.			Thermometer.									Rain.
		Hight	Lowest	Mean.	In the House.			Abroad.						
					High.	Low.	Mean	High.	Low	Mean				
Jan.	Morn.	29,90	28,16	29,27	42½	32	37	41	18½	32	1,980			
	Aftern.				43½	32½	38	44½	21	37				
Feb.	Morn.	29,85	28,66	29,33	44½	34	38	45	24	33	0,949			
	Aftern.				45	34	39	51	32	38½				
Mar.	Morn.	29,98	28,61	29,32	51	35½	41½	52	24½	36	1,196			
	Aftern.				51½	37½	43	59	36	44				
Apr.	Morn.	29,81	28,92	29,31	56	41½	47½	51	30	41	1,037			
	Aftern.				58	43	49	65½	40	51				
May	Morn.	29,79	28,94	29,41	61	48½	54	59½	45	50	1,322			
	Aftern.				62	49	55½	70	52	61				
June	Morn.	29,86	29,18	29,58	66	53	60	65½	43	55½	2,714			
	Aftern.				68	55	61½	80½	57	69				
July	Morn.	29,82	29,02	29,48	70½	59	64½	66	51½	59½	4,103			
	Aftern.				73½	61	66½	85	62½	72½				
Aug.	Morn.	30,00	29,10	29,69	67½	56	63	63	42	56	0,391			
	Aftern.				70	56	65	76	57	69				
Sept.	Morn.	29,99	28,72	29,54	62½	48	56	55½	32½	46	1,660			
	Aftern.				64	50	57	66	44½	58½				
Oct.	Morn.	29,64	28,62	29,31	55	44	48	52	26	39½	4,238			
	Aftern.				57	45	49½	61	38½	50				
Nov.	Morn.	29,72	28,63	29,23	52	42	46½	53	30	40½	3,845			
	Aftern.				53	43	47	56	38½	46				
Dec.	Morn.	30,23	28,25	29,34	51	40	44	51½	28	40	2,835			
	Aftern.				51½	41	45	52½	33	44				
												26,270		

This

This summer having been hotter than usual, I here give an abstract of the hottest month in it.

		Barometer.			Thermometer.					
		Highest	Lowest	Mean.	In the House.			Abroad.		
					High.	Low.	Mean	High.	Low.	Mean
June 22	Morn.	29,82	29,10	29,58	70½	62½	65½	66	54	61
to	Aftern.				73½	63	67½	85	70	75
July 21										

The year began with frost. The sharpest and longest this winter which lasted about a fortnight; but the snow never got deep, and the frost towards the end was much broken, and the winter was not, on the whole, either severe or wet. Some windy wet weather followed the frost; but it was oftener dark, fair, calm, and cold, and frequently scarce either frost or thaw. The spring seed time was good; at first dark and cold, but a fortnight at the end of March and beginning of April was funny, fine, and warm, and some days quite hot; then it turned cold again, with several very sharp, frosty mornings, and sometimes hail and snow.

Towards the end of April it grew mild and growing again; frequent small showers, and sometimes windy the first half of May. As summer advanced it was drier and hotter; very much so in June and July, being the hottest summer since 1762, if not since 1750. The ground

ground was much burnt, but not so much as sometimes; for two very heavy thunder showers, June 27 and 28, kept the grass from entirely failing. But as we had scarce a settled rainy day for half a year, only showers often with thunder, those places where they did not fall were much more burnt than we, which was the case in most of the South and East of England, and I believe to the North and West of us they had more rain than we. Many and heavy showers in the twelve last days of July made the grass grow again for a while; but the harvest was exceeding fine, not a day's hindrance, many finished in August, and the crops were in general pretty good. At that time the ground burnt again pretty much, there were some showers in September, but the season was in general dry and calm, and it was upon the whole a very pleasant year.

Frosty mornings began early, for there were some before September was out; and soon after the beginning of October it grew wetter, often windy and frequent frosty mornings. This dark, wet season continued till toward the middle of December, and grew more stormy, but fewer frosty mornings after October. In scarce ten weeks there fell near half a year's rain; the dryness of the ground carried it off for a good while, but it was very full of wet at last. The wheat seed-time being early, and

the clays sowed before the ground got wet, it went very well into the ground, and looks finely in most places. The latter part of December was dark, fair, and mild, and in general calm, till the last day a violent storm, which some supposed as strong as that in 1703 did a great deal of damage in the North of England, and the Eastern part of the South of it; but does not seem to have been so strong toward the Western parts.

